

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007584

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 A61K38/23 A61K47/18

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE, EMBASE, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/47497 A (GATTNAR ONDREJ ; RAZUS L UBOSLAV (SK); SLOVAKOFARMA AS (SK); VARGA IVA) 5 July 2001 (2001-07-05) page 2, 4th para; claim 1 -----	1,12
X	WO 00/54753 A (BOMBARDELLI EZIO ; LINK MARTIN (US); LIU FANG YU (US); FIX JOSEPH A (U) 21 September 2000 (2000-09-21) page 4, line 8-14; page 13, line 29 - page 14, line 10; claims 1, 13-15 -----	1,12
X	WO 02/45754 A (NOVARTIS ERFIND VERWALT GMBH ; AZRIA MOISE (CH); NOVARTIS AG (CH); BAT) 13 June 2002 (2002-06-13) example A ----- -/-	1-16

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- °A° document defining the general state of the art which is not considered to be of particular relevance
- °E° earlier document but published on or after the International filing date
- °L° document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- °O° document referring to an oral disclosure, use, exhibition or other means
- °P° document published prior to the International filing date but later than the priority date claimed

- °T° later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- °X° document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- °Y° document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- °&° document member of the same patent family

Date of the actual completion of the International search

25 November 2004

Date of mailing of the International search report

03/12/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	LEONE-BAY A ET AL: "SYNTHESIS AND EVALUATION OF COMPOUNDS THAT FACILITATE THE GASTROINTESTINAL ABSORPTION OF HEPARIN" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, US, vol. 41, no. 7, 26 March 1998 (1998-03-26), pages 1163-1171, XP001018961 ISSN: 0022-2623 the whole document -----	1-16
A	LEONE-BAY A ET AL: "ORAL DELIVERY OF BIOLOGICALLY ACTIVE PARATHYROID HORMONE" PHARMACEUTICAL RESEARCH, NEW YORK, NY, US, vol. 18, no. 7, July 2001 (2001-07), pages 964-970, XP001106035 ISSN: 0724-8741 the whole document -----	1-16

## INTERNATIONAL SEARCH REPORT

International application No.  
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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:  
**Rule 39.1(iv) PCT – Method for treatment of the human or animal body by therapy:** Although claims 12–15 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern■al Application No

PCT/EP2004/007584

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0147497	A 05-07-2001	SK 186899 A3 AU 2421601 A BG 106952 A CA 2397942 A1 CZ 20022371 A3 EE 200200368 A EP 1255535 A2 HU 0203842 A2 JP 2003518486 T LT 2002078 A ,B PL 357680 A1 WO 0147497 A2 US 2003175343 A1		10-07-2001 09-07-2001 31-03-2003 05-07-2001 16-10-2002 15-10-2003 13-11-2002 28-05-2003 10-06-2003 25-03-2003 26-07-2004 05-07-2001 18-09-2003
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WO 0245754	A 13-06-2002	AU 3454702 A BR 0115965 A CA 2436599 A1 CN 1479612 T CZ 20031566 A3 WO 0245754 A2 EP 1341526 A2 HU 0302319 A2 JP 2004515480 T NO 20032511 A SK 6882003 A3 US 2002123459 A1		18-06-2002 28-10-2003 13-06-2002 03-03-2004 17-09-2003 13-06-2002 10-09-2003 28-11-2003 27-05-2004 03-06-2003 08-01-2004 05-09-2002